

TR-069 provisioning

Introduction

The Gigaset N510 has also the possibility to be configured via TR-069, see below for the supported features.

Other Gigaset devices do not support TR-069

TR069 Supported Methods and Feature List

TR069 feature name	Supported
Zero Touch Activation	yes
Connection Request	yes
HTTP Session Initiation - Basic Authentication	yes
HTTP Session Initiation - Digest Authentication	yes
HTTP Session Initiation - Session Cookie Validation	yes
CWMP Session Initiation - Bootstrap	yes
CWMP Session Initiation - Periodic Inform	yes
CWMP Session Initiation - Schedule Inform	no
Get RPC Methods	yes
Get Parameter Names - Complete Path	yes
Get Parameter Names - Partial Path	yes
Set Parameter Values - Complete Path	yes
Set Parameter Values - Partial Path	yes
Add Object	no
Delete Object	no
Reboot	yes
Factory Reset	yes
Get Attribute Values	no
Set Attribute Values	no
Download FW - No ACS Specified Delay - HTTP Basic Auth	yes
Download FW - No ACS Specified Delay - HTTP Digest Auth	no
Download FW - No ACS Specified Delay - HTTPS Basic Auth	no
Download FW - No ACS Specified Delay - HTTPS Digest Auth	no
Download FW - ACS Specified Delay - HTTP Basic Auth	no
Download FW - ACS Specified Delay - HTTP Digest Auth	no
Download FW - ACS Specified Delay - HTTPS Basic Auth	no
Download FW - ACS Specified Delay - HTTPS Digest Auth	no
Upload Config	no
SSL	yes
TR111-part1	yes
TR111-part2 (STUN)	no
TR104	yes

TR069 Supported Data Model

Name	Type	Description
Device.		
Device. DeviceSummary	string (1024)	The DeviceSummary parameter is defined to provide an explicit summary of the top-level data model of the device, including version and profile information. This parameter MAY be used by an ACS to discover the nature of the device and the ACS's compatibility with specific objects supported by the device.
Device.DeviceInfo.	object	This object contains general device information.
Device.DeviceInfo. Manufacturer	string (64)	The manufacturer of the CPE (human readable string).
Device.DeviceInfo. ManufacturerOUI	string (6)	Organizationally unique identifier of the device manufacturer. Represented as a six hexadecimal-digit value using all upper-case letters and including any leading zeros. The value MUST be a valid OUI as defined in [9].
Device.DeviceInfo. ModelName	string (64)	Model name of the CPE (human readable string).
Device.DeviceInfo. SerialNumber	string (64)	Serial number of the CPE.
Device.DeviceInfo. HardwareVersion	string (64)	A string identifying the particular CPE model and version
Device.DeviceInfo. SoftwareVersion	string (64)	A string identifying the software version currently installed in the CPE. To allow version comparisons, this element SHOULD be in the form of dot-delimited integers, where each successive integer represents a more minor category of variation. For example, 3.0.21 where the components mean: Major.Minor.Build.
Device. ManagementServer.	object	This object contains parameters relating to the CPE's association with an ACS.

Device. ManagementServer .URL	string (256)	URL for the CPE to connect to the ACS using the CPE WAN Management Protocol. This parameter MUST be in the form of a valid HTTP or HTTPS URL [5]. An HTTPS URL indicates that the ACS supports SSL. The "host" portion of this URL is used by the CPE for validating the certificate from the ACS when using certificate-based authentication.
Device. ManagementServer .Username	string (256)	Username used to authenticate the CPE when making a connection to the ACS using the CPE WAN Management Protocol. This username is used only for HTTP-based authentication of the CPE.
Device. ManagementServer .Password	string (256)	Password used to authenticate the CPE when making a connection to the ACS using the CPE WAN Management Protocol. This password is used only for HTTP-based authentication of the CPE. When read, this parameter returns an empty string, regardless of the actual value.
Device. ManagementServer .PeriodicInformEnable	boolean	Whether or not the CPE must periodically send CPE information to Server using the Inform method call.
Device. ManagementServer .PeriodicInformInterval	unsigned integer	The duration in seconds of the interval for which the CPE MUST attempt to connect with the ACS and call the Inform method if PeriodicInform-Enable is true.
Device. ManagementServer .ParameterKey	string (32)	The value of the ParameterKey argument from the most recent SetParameterValues, AddObject, or DeleteObject method call from the Server. If there have been no such calls, this value is empty.
Device. ManagementServer .ConnectionRequestURL	string (256)	HTTP URL for an ACS to make a Connection Request notification to the CPE. In the form: http://host:port/path The "host" portion of the URL MAY be the IP address for the management interface of the CPE in lieu of a host name.
Device. ManagementServer .ConnectionRequestUsername	string (256)	Username used to authenticate an ACS making a Connection Request to the CPE.
Device. ManagementServer .ConnectionRequestPassword	string (256)	Password used to authenticate an ACS making a Connection Request to the CPE. When read, this parameter returns an empty string, regardless of the actual value.

Device.LAN.	object	This object contains parameters relating to IP-based LAN connectivity of a device. This object relates only to IP-layer LAN capabilities. Lower-layer aspects of LAN connectivity are not considered part of the common data model defined in this specification. For a device that contains multiple IP interfaces, the scope of this object is limited to the default IP interface. Data that may be associated with other interfaces is not considered part of the common data model defined in this specification. Support for this object is Optional
Device.LAN. IPAddress	string	The current IP address assigned to this interface. The ability to modify this parameter is optional, and this parameter cannot be modified if the AddressingType is "DHCP".
Device. GatewayInfo.	object	This object contains information associated with a connected Internet Gateway Device.
Device. GatewayInfo. ManufacturerOUI	string (6)	Organizationally unique identifier of the associated Internet Gateway Device. An empty string indicates that there is no associated Internet Gateway Device that has been detected.
Device. GatewayInfo. ProductClass	string (64)	Identifier of the product class of the associated Internet Gateway Device. An empty string indicates either that there is no associated Internet Gateway Device that has been detected, or the Internet Gateway Device does not support the use of the product-class parameter.
Device. GatewayInfo. SerialNumber	string (64)	Serial number of the associated Internet Gateway Device. An empty string indicates that there is no associated Internet Gateway Device that has been detected.
Device.Services.		
Device.Services. VoiceService.{i}.	object	The top-level object for VoIP CPE.
Device.Services. VoiceService.{i}. VoiceProfileNumberOfEntries	unsigned integer	Number of instances of VoiceProfile
Device.Services. VoiceService.{i}. VoiceProfile.{i}.	object	Object associated with a collection of voice lines with common characteristics. Support for adding and removing profiles is conditional on whether more than one profile is supported as indicated by VoiceService.{i}.Capabilities.MaxProfileCount. By default, a single VoiceProfile object SHOULD be present in a VoiceService, initially in the disabled state.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Enable	string	Enables or disables all lines in this profile, or places it into a quiescent state. Enumeration of: "Disabled" "Quiescent" "Enabled" On creation, a profile MUST be in the Disabled state. In the Quiescent state, in-progress sessions remain intact, but no new sessions are allowed. Support for the Quiescent state in a CPE is optional. If this parameter is set to "Quiescent" in a CPE that does not support the Quiescent state, it MUST treat it the same as the Disabled state.

Device.Services. VoiceService.{i}. VoiceProfile.{i}. NumberOfLines	u n s i g n e d l i n t	Number of instances of Line within this VoiceProfile. Applicable only for a VoIP endpoint.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Name	st ri n g (6 4)	Human-readable string to identify the profile instance.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. STUNEnable	b o l e a n	Enable or disable use of STUN to allow operation through NAT. Note: enabling STUN is to be interpreted as enabling the use of STUN for discovery, not use as a keep-alive mechanism.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. STUNServer	st ri n g (2 5 6)	Domain name or IP address of the STUN server.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}.	o bj e ct	Object associated with a distinct voice line. Support for adding and removing lines is conditional on whether the CPE supports more than one line in total as indicated by VoiceService.{i}.Capabilities.MaxLineCount. By default, on creation of a given VoiceProfile, a single Line object MUST be present, initially in the disabled state. Applicable only for a VoIP endpoint.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}.Enable	st ri n g	Enables or disables this line, or places it into a quiescent state. Enumeration of: "Disabled" "Quiescent" "Enabled" On creation, a line MUST be in the Disabled state. In the Quiescent state, in-progress sessions remain intact, but no new sessions are allowed. Support for the Quiescent state in a CPE is optional. If this parameter is set to "Quiescent" in a CPE that does not support the Quiescent state, it MUST treat it the same as the Disabled state (and indicate Disabled in the Status parameter).
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}.Status	st ri n g	Indicates the status of this line. Enumeration of: "Disabled" "Initializing" "Error" "Up"
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}. CallingFeatures.	o bj e ct	Voice line parameters related to optional endpoint based calling features.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}. CallingFeatures. CallerIDName	st ri n g (2 5 6)	String used to identify the caller.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}.SIP.	o bj e ct	Voice line parameters that are specific to SIP call signaling.

Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}.SIP. AuthUserName	string (128)	Username used to authenticate the connection to the server.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}.SIP. AuthPassword	string (128)	Password used to authenticate the connection to the server. When read, this parameter returns an empty string, regardless of the actual value.
Device.Services. VoiceService.{i}. VoiceProfile.{i}. Line.{i}.SIP.URI		URI by which the user agent will identify itself for this line. If empty, the actual URI used in the SIP signaling SHOULD be automatically formed by the CPE as: "sip:UserName@Domain" Where UserName is username given for this line (VoiceService.{i}.VoiceProfile.{i}.Line.{i}.SIP.AuthUserName), and Domain is the domain given for this profile (VoiceService.{i}.VoiceProfile.{i}.SIP.UserAgentDomain). If this domain parameter is empty, then the IP address of the CPE SHOULD be used for the domain. If URI is non-empty, but is a SIP or SIPS URI that contains no "@" character, then the actual URI used in the SIP signaling SHOULD be automatically formed by the CPE by appending this parameter with an "@" character followed by the domain given for this profile (VoiceService.{i}.VoiceProfile.{i}.SIP.UserAgentDomain). If this domain parameter is empty, then the IP address of the CPE SHOULD be used for the domain.
Device.Services. VoiceService.{i}. VoiceProfile.{i}.SIP.	object	Voice profile parameters that are specific to SIP user agents.
Device.Services. VoiceService.{i}. VoiceProfile.{i}.SIP. ProxyServer	string (256)	Host name or IP address of the SIP proxy server. All SIP signaling traffic MUST be sent to the host indicated by this parameter and the port indicated by the ProxyServerPort parameter unless OutboundProxy parameter is non-empty or a different route was discovered during normal operations SIP routing operation. Regardless of which host the traffic gets sent to (the ProxyServer or the OutboundProxy), the value of this parameter MUST be used to derive the URI placed into the SIP Route header field of all requests originated by this end-point unless a
Device.Services. VoiceService.{i}. VoiceProfile.{i}.SIP. ProxyServerPort	unsigned integer [0:65535]	Destination port to be used in connecting to the SIP server.
Device.Services. VoiceService.{i}. VoiceProfile.{i}.SIP. RegistrarServer	string (256)	Host name or IP address of the SIP registrar server. If this parameter is empty, the CPE MUST obtain all of the registrar server configuration information, including host name or IP address, port, and transport protocol, from the corresponding ProxyServer parameters (ProxyServer, ProxyServerPort, and ProxyServerTransport), ignoring all of the registrar server parameters (RegistrarServer, RegistrarServerPort and RegistrarServerTransport).

Device.Services. VoiceService.{i}. VoiceProfile.{i}.SIP. RegistrarServerPort	u n s i g n e d I nt [0 : 6 5 5 3 5]	Destination port to be used in connecting to the SIP registrar server. If the RegistrarServer parameter is empty, the CPE MUST obtain all of the registrar server configuration information, including host name or IP address, port, and transport protocol, from the corresponding ProxyServer parameters (ProxyServer, ProxyServerPort, and ProxyServerTransport), ignoring all of the registrar server parameters (RegistrarServer, RegistrarServerPort and RegistrarServerTransport).
Device.Services. VoiceService.{i}. VoiceProfile.{i}.SIP. OutboundProxy	st ri n g (2 5 6)	Host name or IP address of the outbound proxy. If a non-empty value is specified, the SIP endpoint MUST send all SIP traffic (requests and responses) to the host indicated by this parameter and the port indicated by theOutboundProxyPort parameter. This MUST be done regardless of the routes discovered using normal SIP operations, including use of Route headers initialized from Service-Route and Record-Route headers previously received. The OutboundProxy value is NOT used to generate the URI placed into the Route header of any requests.
Device.Services. VoiceService.{i}. VoiceProfile.{i}.SIP. OutboundProxyPort	u n s i g n e d I nt [0 : 6 5 5 3 5]	Destination port to be used in connecting to the outbound proxy. This parameter MUST be ignored unless the value of the OutboundProxy parameter in this object is non-empty.
Device.Services. VoiceService.{i}. VoiceProfile.{i}.SIP. RegisterRetryInterval	u n s i g n e d I nt [0 : 6 5 5 3 5]	Registration Refresh Time.

Reference: TR-104,TR-106

Mapping TR069 -> (XML) provisioning parameter -> WebUI

TR069 Parameter Name	(XML) provisioning parameter	WebUI
Account IP1		
Device.Services.VoiceService.1.VoiceProfile.1.Enable		

Device.Services.VoiceService.1.VoiceProfile.1.Line.1.CallingFeatures.CallerIDName	BS_IP_Data1.aucS_SIP_DISPLAYNAME	Display name
Device.Services.VoiceService.1.VoiceProfile.1.Line.1.SIP.AuthUserName	BS_IP_Data3.aucS_SIP_LOGIN_ID	Authentication name
Device.Services.VoiceService.1.VoiceProfile.1.Line.1.SIP.AuthPassword	BS_IP_Data1.aucS_SIP_PASSWORD	Authentication password
Device.Services.VoiceService.1.VoiceProfile.1.Line.1.SIP.URI	BS_IP_Data1.aucS_SIP_USER_ID	Username
	BS_IP_Data1.aucS_SIP_DOMAIN	Domain
Device.Services.VoiceService.1.VoiceProfile.1.SIP.ProxyServer	BS_IP_Data1.aucS_SIP_SERVER	Proxy server address
Device.Services.VoiceService.1.VoiceProfile.1.SIP.ProxyServerPort	BS_IP_Data1.uil_SIP_SERVER_PORT	Proxy server port
Device.Services.VoiceService.1.VoiceProfile.1.SIP.RegistrarServer	BS_IP_Data1.aucS_SIP_REGISTRAR	Registration server
Device.Services.VoiceService.1.VoiceProfile.1.SIP.RegistrarServerPort	BS_IP_Data1.uil_SIP_REGISTRAR_PORT	Registration server port
Device.Services.VoiceService.1.VoiceProfile.1.STUNEnable	BS_IP_Data1.ucB_SIP_USE_STUN	STUN enabled
Device.Services.VoiceService.1.VoiceProfile.1.STUNServer	BS_IP_Data1.aucS_STUN_SERVER	STUN server address
Device.Services.VoiceService.1.VoiceProfile.1.SIP.OutboundProxy	BS_IP_Data1.aucS_OUTBOUND_PROXY	Outbound server address
Device.Services.VoiceService.1.VoiceProfile.1.SIP.OutboundProxyPort	BS_IP_Data1. uil_OUTBOUND_PROXY_PORT	Outbound proxy port
Account IP2		
Device.Services.VoiceService.1.VoiceProfile.2.Enable		
Device.Services.VoiceService.1.VoiceProfile.2.Line.1.CallingFeatures.CallerIDName	BS_IP_Data1.aucS_SIP_DISPLAYNAME_2	Display name
Device.Services.VoiceService.1.VoiceProfile.2.Line.1.SIP.AuthUserName	BS_IP_Data3.aucS_SIP_LOGIN_ID_2	Authentication name
Device.Services.VoiceService.1.VoiceProfile.2.Line.1.SIP.AuthPassword	BS_IP_Data1.aucS_SIP_PASSWORD_2	Authentication password
Device.Services.VoiceService.1.VoiceProfile.2.Line.1.SIP.URI	BS_IP_Data1.aucS_SIP_USER_ID_2	Username
	BS_IP_Data1.aucS_SIP_DOMAIN_2	Domain
Device.Services.VoiceService.1.VoiceProfile.2.SIP.ProxyServer	BS_IP_Data1.aucS_SIP_SERVER_2	Proxy server address
Device.Services.VoiceService.1.VoiceProfile.2.SIP.ProxyServerPort	BS_IP_Data1.uil_SIP_SERVER_PORT_2	Proxy server port
Device.Services.VoiceService.1.VoiceProfile.2.SIP.RegistrarServer	BS_IP_Data1.aucS_SIP_REGISTRAR_2	Registration server
Device.Services.VoiceService.1.VoiceProfile.2.SIP.RegistrarServerPort	BS_IP_Data1.uil_SIP_REGISTRAR_PORT_2	Registration server port
Device.Services.VoiceService.1.VoiceProfile.2.STUNEnable	BS_IP_Data1.ucB_SIP_USE_STUN_2	STUN enabled
Device.Services.VoiceService.1.VoiceProfile.2.STUNServer	BS_IP_Data1.aucS_STUN_SERVER_2	STUN server address
Device.Services.VoiceService.1.VoiceProfile.2.SIP.OutboundProxy	BS_IP_Data1.aucS_OUTBOUND_PROXY_2	Outbound server address
Device.Services.VoiceService.1.VoiceProfile.2.SIP.OutboundProxyPort	BS_IP_Data1. uil_OUTBOUND_PROXY_PORT_2	Outbound proxy port

Device configuration for TR069

XML provisioning / NVRAM parameters

```
<!-- TR069 WebGui Page: enable -->
<SYMB_ITEM ID="BS_WebUi.bitfld.bTR069PageEnabled" class="symb_item" value="0x01" />

<!-- TR069: enable -->
<SYMB_ITEM ID="BS_IP_Data3.ucB_TR69_MGMT_ENABLED" class="symb_item" value="0x01" />

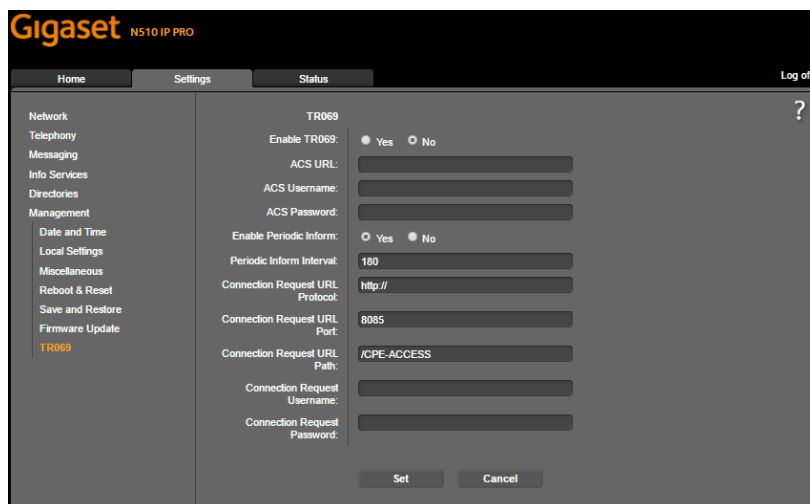
<!-- TR069: ACS URL: https://acss-test.inetia.pl/ACS/services/Management -->
<SYMB_ITEM ID="BS_IP_Data3.aucS_DEV_MGMT_SRVR_URL" class="symb_item" value="0x68,0x74,0x74,0x70,0x73,0x3A,0x2F,
0x2F,0x61,0x63,0x73,0x2D,0x74,0x65,0x73,0x74,0x2E,0x69,0x6E,0x65,0x74,0x69,0x61,0x2E,0x70,0x6C,0x2F,0x41,
0x43,0x53,0x2F,0x73,0x65,0x72,0x76,0x69,0x63,0x65,0x73,0x2F,0x4D,0x61,0x6E,0x61,0x67,0x65,0x6D,0x65,0x6E,0x74,
0x0" />
<!-- TR069: ACS Username: OUI-Class-Serial (002104-Merkur-7C2F800DB618) -->
<SYMB_ITEM ID="BS_IP_Data3.aucS_DEV_MGMT_SRVR_USER" class="symb_item" value="0x30,0x30,0x32,0x31,0x30,0x34,0x2D,
0x4D,0x65,0x72,0x6B,0x75,0x72,0x2D,0x37,0x43,0x32,0x46,0x38,0x30,0x30,0x44,0x42,0x36,0x31,0x38,0x0" />
<!-- TR069: ACS Password: 123456789abc -->
<SYMB_ITEM ID="BS_IP_Data3.aucS_DEV_MGMT_SRVR_PW" class="symb_item" value="0x31,0x32,0x33,0x34,0x35,0x36,0x37,
0x38,0x39,0x61,0x62,0x63,0x0" />

<!-- TR069: Connection Request Username -->
<SYMB_ITEM ID="BS_IP_Data3.aucS_DEV_MGMT_SRVR_CONN_USER" class="symb_item" value="0x43,0x68,0x61,0x67,0x61,0x6c,
0x6c,0x0,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,
0xff,0xff,0xff,0xff,0xff" />
<!-- TR069: Connection Request Password -->
<SYMB_ITEM ID="BS_IP_Data3.aucS_DEV_MGMT_SRVR_CONN_PW" class="symb_item" value="0x43,0x68,0x61,0x67,0x61,0x6c,
0x6c,0x0,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,0xff,
0xff,0xff,0xff,0xff,0xff" />

<!-- TR069: Enable Periodic Inform -->
<SYMB_ITEM ID="BS_IP_Data3.ucI_DEV_MGMT_SRVR_INF_EN" class="symb_item" value="0x01" />
<!-- TR069: Periodic Inform: 15min -->
<SYMB_ITEM ID="BS_IP_Data3.ulI_DEV_MGMT_SRVR_INF_INTV" class="symb_item" value="0x384" />
```

Configuration via web-interface

When the web-interface TR-069 is enabled then the configuration can also be done via the web-interface.



TR069 -> N510 v.204 GPV Response

C530IP v.204 GPV Response

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
soap:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
```

```
xmlns:cwmp="urn:dslforum-org:cwmp-1-0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="
http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <cwmp:ID soap:mustUnderstand="1">11</cwmp:ID>
  </soap:Header>
  <soap:Body>
    <cwmp:GetParameterValuesResponse>
      <ParameterList soap-enc:arrayType="cwmp:ParameterValueStruct[118]">
        <ParameterValueStruct>
          <Name>Device.DeviceSummary</Name>
          <Value xsi:type="xsd:string">Device:1.0[] (GatewayInfo:1), VoiceService:1.0[1]()</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.DeviceInfo.Manufacturer</Name>
          <Value xsi:type="xsd:string">Gigaset Communications GmbH</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.DeviceInfo.ManufacturerOUI</Name>
          <Value xsi:type="xsd:string">002104</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.DeviceInfo.ModelName</Name>
          <Value xsi:type="xsd:string">C530 IP</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.DeviceInfo.SerialNumber</Name>
          <Value xsi:type="xsd:string">7C2F800DA979</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.DeviceInfo.HardwareVersion</Name>
          <Value xsi:type="xsd:string">S30852-S2230-B101</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.DeviceInfo.SoftwareVersion</Name>
          <Value xsi:type="xsd:string">Version:204,Variant:42</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.URL</Name>
          <Value xsi:type="xsd:string"></Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.Username</Name>
          <Value xsi:type="xsd:string">acsuser</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.Password</Name>
          <Value xsi:type="xsd:string"></Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.PeriodicInformEnable</Name>
          <Value xsi:type="xsd:boolean">1</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.PeriodicInformInterval</Name>
          <Value xsi:type="xsd:unsignedInt">180</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.ParameterKey</Name>
          <Value xsi:type="xsd:string"></Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.ConnectionRequestURL</Name>
          <Value xsi:type="xsd:string">http://3.3.3.2:8085/CPE-ACCESS</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.ConnectionRequestUsername</Name>
          <Value xsi:type="xsd:string">cpeuser</Value>
        </ParameterValueStruct>
        <ParameterValueStruct>
          <Name>Device.ManagementServer.ConnectionRequestPassword</Name>
          <Value xsi:type="xsd:string"></Value>
        </ParameterValueStruct>
      </ParameterList>
    </cwmp:GetParameterValuesResponse>
  </soap:Body>
</soap:Envelope>
```

```
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.LAN.IPAddress</Name>
  <Value xsi:type="xsd:string">3.3.3.2</Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.LAN.MACAddress</Name>
  <Value xsi:type="xsd:string">7C:2F:80:0D:A9:79</Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.GatewayInfo.ManufacturerOUI</Name>
  <Value xsi:type="xsd:string"></Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.GatewayInfo.ProductClass</Name>
  <Value xsi:type="xsd:string"></Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.GatewayInfo.SerialNumber</Name>
  <Value xsi:type="xsd:string"></Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfileNumberOfEntries</Name>
  <Value xsi:type="xsd:unsignedInt">6</Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfile.1.Enable</Name>
  <Value xsi:type="xsd:string">Disabled</Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfile.1.NumberOfLines</Name>
  <Value xsi:type="xsd:unsignedInt">1</Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfile.1.Name</Name>
  <Value xsi:type="xsd:string"></Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfile.1.STUNEnable</Name>
  <Value xsi:type="xsd:boolean">0</Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfile.1.STUNServer</Name>
  <Value xsi:type="xsd:string"></Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfile.1.Line.1.Enable</Name>
  <Value xsi:type="xsd:string">Disabled</Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfile.1.Line.1.CallingFeatures.CallerIDName</Name>
  <Value xsi:type="xsd:string"></Value>
</ParameterValueStruct>
<ParameterValueStruct>
  <Name>Device.Services.VoiceService.1.VoiceProfile.1.Line.1.SIP.AuthUserName</Name>
  <Value xsi:type="xsd:string"></Value>
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TR069 -> N510 v.204 SPV for configuring 6 VoIP accounts

Set Parameter Values for 6 VoIP accounts

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[illegible]

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